

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-331691

(43)Date of publication of application : 30.11.2001

(51)Int.Cl.

G06F 17/60

(21)Application number : 2000-153016

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(22)Date of filing : 24.05.2000

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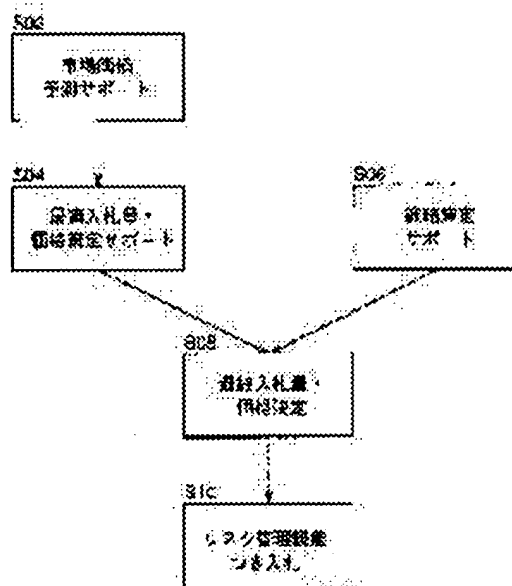
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(54) BIDDING SYSTEM USING INTERNET, MARKET PRICE PREDICTION SYSTEM, OPTIMUM BIT QUANTITY AND PRICE LAYING SYSTEM, STRATEGY LAYING SYSTEM, AND BIDDING SYSTEM WITH RISK MANAGEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To manage risk by supporting bid price determination in an Internet bidding system.

SOLUTION: The market price of article transaction is predicted from history data of the article price and predicted article demands. The best bid quantity and price of the article transaction are laid from (1) One or more specific numerals regarding production facilities for the article that an article selling wisher or article buying wisher uses and (2) an article price predicted in the market. Specific conditions at the time of bidding are matched with respect to one or more rules extracted from the past action history data of competing producers to predict the bid prices of the competing producers. The result is properly used to carry out bidding by the bidding system. Further, a risk managing function is added for bidding when the bid quantity and price of the article transaction are inputted.



## LEGAL STATUS

[Date of request for examination] 30.10.2002  
[Date of sending the examiner's decision of rejection] 28.06.2005  
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
[Date of final disposal for application]  
[Patent number]  
[Date of registration]  
[Number of appeal against examiner's decision of rejection]  
[Date of requesting appeal against examiner's decision of rejection]  
[Date of extinction of right]

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**CLAIMS**

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[Claim(s)]

[Claim 1] It has the 1st computer which performs center processing concerning a commodity transaction, and the 2nd computer which a goods selling candidate or a goods purchase candidate has. In the commodity transaction bid system which carries out and advances a commodity transaction by connecting the 1st calculating machine and 2nd calculating machine through the Internet, and making data output and input to the 1st calculating machine and 2nd calculating machine further The commodity transaction bid system by which the 1st calculating machine is characterized by performing market price prediction of a commodity transaction from the historical data and the commodity demand expected of a goods price when there is a demand from the 2nd computer application person.

[Claim 2] It has the 1st computer which performs center processing concerning a commodity transaction, and the 2nd computer which a goods selling candidate or a goods purchase candidate has. In the commodity transaction bid system which carries out and advances a commodity transaction by connecting the 1st calculating machine and 2nd calculating machine through the Internet, and making data output and input to the 1st calculating machine and 2nd calculating machine further One or more predetermined numeric values which require the 1st computer for these goods that (1) goods selling candidate or a goods purchase candidate uses when there is a demand from the 2nd computer application person, (2) Commodity transaction bid system characterized by deciding upon the amount of optimal bids and the optimal price in a commodity transaction from the prediction goods price in a commercial scene.

[Claim 3] It has the 1st computer which performs center processing concerning a commodity transaction, and the 2nd computer which a goods selling candidate or a goods purchase candidate has. In the commodity transaction bid system which carries out and advances a commodity transaction by connecting the 1st calculating machine and 2nd calculating machine through the Internet, and making data output and input to the 1st calculating machine and 2nd calculating machine further When there was a demand from the 2nd computer application person, the 1st computer was extracted from the action historical data of the past of the vender wishing goods who competes with a predetermined goods selling candidate or a goods purchase candidate, or the purchaser wishing goods. The commodity transaction bid system which is made to collate the predetermined conditions at the time of a bid, and is characterized by predicting the bid price of the vender wishing goods who competes with a predetermined goods selling candidate or a goods purchase candidate, or the purchaser wishing goods to one or more Ruhr.

[Claim 4] It has the 1st computer which performs center processing concerning a commodity transaction, and the 2nd computer which a goods selling candidate or a goods purchase candidate has. In the commodity transaction bid system which carries out and advances a commodity transaction by connecting the 1st calculating machine and 2nd calculating machine through the Internet, and making data output and input to the 1st calculating machine and 2nd calculating machine further When it faces that a goods selling candidate or a goods purchase candidate inputs the amount of bids and price in a commodity transaction by the 2nd computer and there is a demand from the 2nd computer application

person the 1st calculating machine -- (\*\*) -- market price prediction of the historical data and the commodity demand expected of a goods price to a commodity transaction -- carrying out -- (\*\*) -- with one or more predetermined numeric values concerning these goods that (1) goods selling candidate or a goods purchase candidate uses (2) It decides upon the amount of optimal bids and the optimal price in a commodity transaction from the prediction goods price in a commercial scene. As opposed to one or more Ruhr extracted from the action historical data of the past of the goods selling candidate who competes with a predetermined goods selling candidate or a goods purchase candidate, or a goods purchase candidate (Ha) The commodity transaction bid system which is made to collate the predetermined conditions at the time of a bid, and is characterized by predicting the bid price of the goods selling candidate who competes with a predetermined goods selling candidate or a goods purchase candidate, or a goods purchase candidate.

[Claim 5] The commodity transaction bid system according to claim 4 by which a goods selling candidate or a goods purchase candidate faces inputting the amount of bids and price in a commodity transaction, and adds a risk function manager to the bid by the 2nd computer.

[Claim 6] The commodity transaction bid system according to claim 5 whose risk function manager added to a bid is the combination of the call option and put option which are used in financial product dealings, a swap, futures, future delivery, or these risk function manager.

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[Translation done.]